| Electronic Patent Application Fee Transmittal |  |          |          |        |                         |  |  |
|---|--|----------|----------|--------|-------------------------|--|--|
| Application Number:                           | 10   | 10043639 |          |        |                         |  |  |
| Filing Date:                                  | 09-Jan-2002  |          |          |        |                         |  |  |
| Title of Invention:                           | METHOD FOR PREPARING 1,3-PROPANEDIOL BY A RECOMBINANT MICRO-ORGANISM IN THE ABSENCE OF COENZYME B12 OR ONE OF ITS PRECURSORS |          |          |        |                         |  |  |
| First Named Inventor/Applicant Name:          | Patricia Sarcabal  |          |          |        |                         |  |  |
| Filer:  | Monica A. de la Paz/DOLLY MILLESON   |          |          |        |                         |  |  |
| Attorney Docket Number:                       | CHEP:004US   |          |          |        |                         |  |  |
| Filed as Large Entity                         |  |          |          |        |                         |  |  |
| Utility Filing Fees                           |  |          |          |        |                         |  |  |
| Description                                   |  | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |
| Basic Filing:                                 |  |          |          |        |                         |  |  |
| Pages:  |  |          |          |        |                         |  |  |
| Claims:                                       |  |          |          |        |                         |  |  |
| Miscellaneous-Filing:                         |  |          |          |        |                         |  |  |
| Petition:                                     |  |          |          |        |                         |  |  |
| Patent-Appeals-and-Interference:              |  |          |          |        |                         |  |  |
| Post-Allowance-and-Post-Issuance:             |  |          |          |        |                         |  |  |
| Utility Appl Issue fee                        |  | 1501     | 1        | 1400   | 1400                    |  |  |

Publ. Fee- early, voluntary, or normal

| Description        | Fee Code          | Quantity | Amount | Sub-Total in<br>USD(\$) |
|--------------------|-------------------|----------|--------|-------------------------|
| Extension-of-Time: |                   |          |        |                         |
| Miscellaneous:     |                   |          |        |                         |
|                    | Total in USD (\$) |          |        | 1700                    |